

# Converting Colors

Decimal(15137505)

Have a look what the booklet for  
Decimal(15137505) contains.

<b>Decimal(15137505)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(15137505)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6FAE1
RGB	230, 250, 225
RGB Percent	90%, 98%, 88%
CMY	0.0980, 0.0196, 0.1176
CMYK	0.08, 0.00, 0.10, 0.02
HSL	108°, 71%, 93%
HSV	108°, 10%, 98%
XYZ	80.4093, 90.6305, 84.4896
YIQ	241.1700, -3.8950, -12.0150

# Conversions

## Conversions Part 2

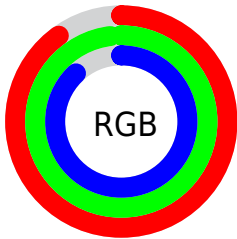
Format	Color
R <sub>Y</sub> B	225, 250, 245
Decimal	15137505
CIE Lab	96.26, -10.98, 9.76
CIE LCh	96, 14.692, 138.360
Yxy	90.6305, 0.3147, 0.3547
Android (android.graphics.Color)	4293327585 (0xFFE6FAE1)
YUV	241.1700, -7.9718, -9.7961
Hunter-Lab	95.2000, -15.8326, 14.0204

# Details

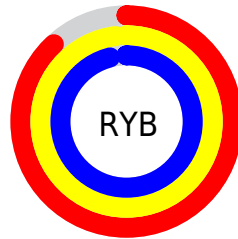
The Decimal color **15137505** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **16114170**, and the grayscale version is **15856113**.

A 20% lighter version of the original color is **16777215**, and **11453098** is the 20% darker color. If you saturate the color by 10%, you get **13826760**, and if you desaturate by 10%, it is **16448250**.

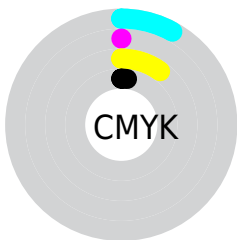
# Distribution



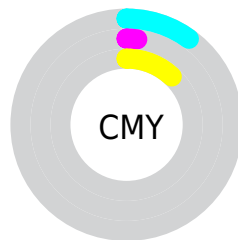
- Red (90%)
- Green (98%)
- Blue (88%)



- Red (88%)
- Yellow (98%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (2%)



- Cyan (10%)
- Magenta (2%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15137505 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 15137505 by changing the saturation by 10% instead.



15137505

15137505

16777215

13295045

11453098

9741967

8031350

6386269


4807237

3293743

1911834

333824

 15137505

 15137505

 13826760

 16448250

 12516015

 16775935

 11205270

 9894525

 8583780

 7273035

 5962290

 4651545

 3340800

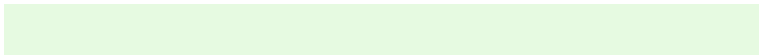
# Harmonies

## Analogous

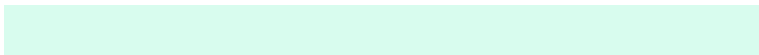
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16250585



15137505



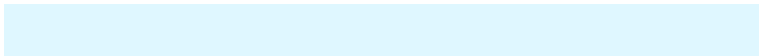
14220526

# Triad

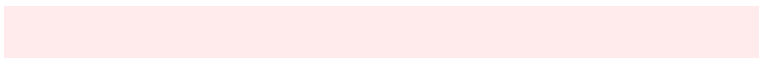
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15137505



14678015



16772076

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



15137505



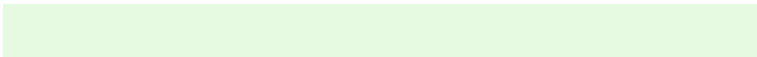
16114170

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16772090



15137505



15790847

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



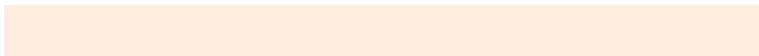
15137505



13892607



16772863



16772575

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15137505



13827576



16772863



16772081



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



15137505



16383991



16446945



8093818



0



8421504

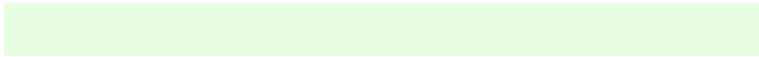


# Same Dimension

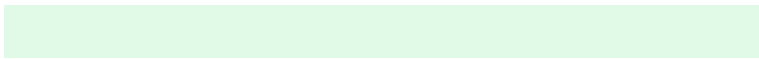
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15137505



15204320



14809832



7568752



2538752



802048



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16114170



16376063



16441843



8024189



9896125

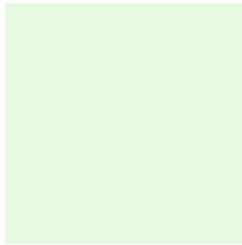


3211325



# Previews

## White Background



This preview shows how the Decimal color 15137505 looks on a white background.

## Color Contrast Check

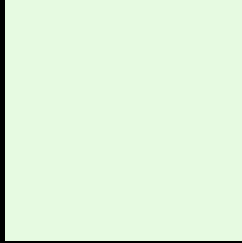
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 15137505 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

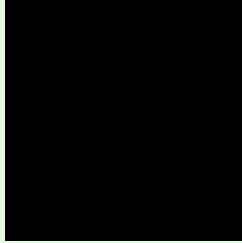
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

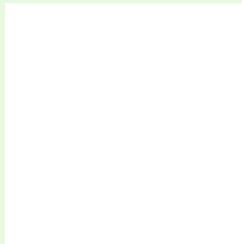
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15137505 Background



This preview shows how black text looks on a background with the Decimal color 15137505.

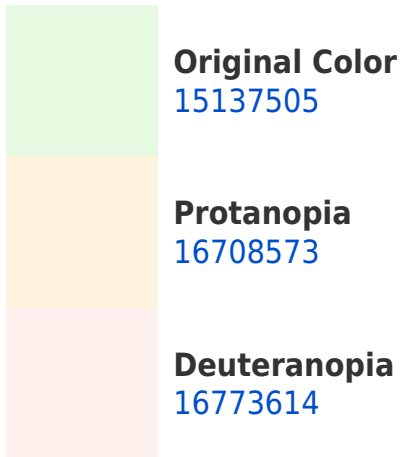


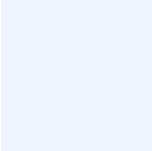
This preview shows how white text looks on a background with the Decimal color 15137505.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



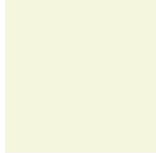


**Tritanopia**  
15791359

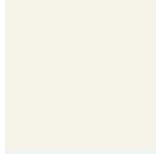
# Trichromacy



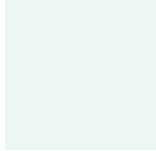
**Original Color**  
15137505



**Protanomaly**  
16119518

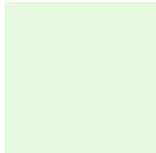


**Deuteranomaly**  
16184553

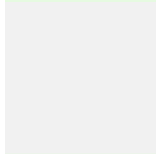


**Tritanomaly**  
15529716

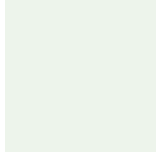
# Monochromacy



**Original Color**  
15137505



**Achromatopsia**  
15856113



**Achromatomaly**  
15594731

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15137505 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E6FAE1 looks like.

```
.text, #text, p{  
    color:#E6FAE1  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E6FAE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6FAE1
}
```

## Border

The CSS property to change the border of an element to Decimal 15137505 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E6FAE1 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E6FAE1 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #E6FAE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6FAE1; -webkit-box-shadow:4px 4px  
4px 4px #E6FAE1; box-shadow:4px 4px 4px  
4px #E6FAE1 }
```

# Background

The CSS property to change the background color of an element to Decimal 15137505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6FAE1 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E6FAE1 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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